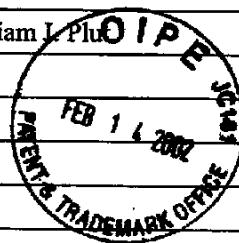


|            |   |              |          |                       |                  |
|------------|---|--------------|----------|-----------------------|------------------|
| Docket #   | CISCP256/4087                             | By:          | WJP/dn   | Date of this mailing: | February 4, 2002 |
| Appl'n # : | 09/934,975                                | Filing Date: | 08/21/01 | Express Mail #        |                  |
| Inventors  | Cote, et al.                              |              |          |                       |                  |
| Title:     | RATE CONTROL METHOD FOR VIDEO TRANSCODING |              |          |                       |                  |

The following have been received in the U.S. Patent Office on the date stamped hereon:

| Item | Description  | # Pgs |
|------|--|-------|
| 1.   | Information Disclosure Statement, with Certificate of Mailing  | 2     |
| 2.   | Form 1449, citing 20 references                                | 1     |
| 3.   | Limited Recognition Under 37 CFR § 10.9(b) for William J. Plus | 1     |
| 4.   | Copies of twenty cited references                              |       |
| 5.   |  |       |
| 6.   |  |       |
| 7.   |  |       |
| 8.   |  |       |
| 9.   |  |       |
| 10.  |  |       |



BEYER WEAVER & THOMAS, L.P.  
SEEN/CONFIRMED  
BY DOCKETING DEPT.  
DATE: 3/12/02 BY: (initials)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Cote, et al.

Attorney Docket No.: CISCP256/4087

Application No.: 09/934,975

Examiner: To Be Assigned

Filed: August 21, 2001

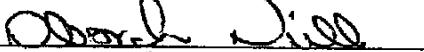
Group: 2614

**Title: RATE CONTROL METHOD FOR VIDEO  
TRANSCODING**

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on February 4, 2002.

Signed: 

Deborah Neill

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

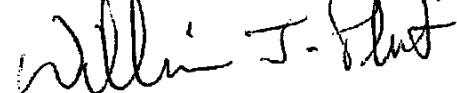
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is

believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. CISCP256 ).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP



William J. Plut

Limited Recognition Under 37 C.F.R. §10.9(b)

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|  |  |   |                                       |
|--|--|---|---------------------------------------|
| <b>Form 1449 (Modified)</b><br><br><b>Information Disclosure Statement By Applicant</b><br><br>(Use Several Sheets if Necessary) |  | Atty Docket No.<br><b>CISCP256/4087</b> | Application No.:<br><b>09/934,975</b> |
|  |  | Applicant:<br><b>Cote, et al.</b>       |                                       |
|  |  | Filing Date<br><b>August 21, 2001</b>   | Group<br><b>2614</b>                  |

#### U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date     | Patentee           | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|--------------------|-------|-----------|-------------|
|                  | A   | 5,493,456  | 02/20/96 | Augenbraun, et al. |       |           | 02/07/95    |
|                  | B   | 5,570,197  | 10/29/96 | Boon               |       |           | 06/01/94    |
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#### Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation |    |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
|                  |     |              |                  |                          |       |           | Yes         | No |
|                  | H   | WO 87/06416  | 22/10/87         | PCT                      |       |           | X           |    |
|                  | I   | 0 103 438 B1 | 23/07/86         | EPO                      |       |           | X           |    |
|                  | J   | 1 523 753    | 06/09/78         | Italy                    |       |           | X           |    |
|                  | K   | 2 061 581 A  | 13/05/81         | GB                       |       |           | X           |    |
|                  | L   | 2 118 750 A  | 02/11/83         | GB                       |       |           | X           |    |
|                  | M   | 2 286 277 A  | 09/08/95         | GB                       |       |           | X           |    |
|                  | N   | 2 288 044 A  | 04/10/95         | GB                       |       |           | X           |    |

#### Other Documents

|                  |     |   |
|------------------|-----|---|
| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication  |
|                  | O   | J. Lee and B.W. Dickinson, <i>Scene-Adaptive Motion Interpolation Structures Based on Temporal Masking in Human Visual Perception</i> , in Proc. SPIE Conf. Visual Communication and Image Processing, Cambridge, Nov. 1993, pp. 499-510. |
|                  | P   | J. Lee and B.W. Dickinson, <i>Adaptive Frame Type Selection for Low Bit-Rate Video Coding</i> , in Proc. SPIE Conf. Visual Communication and Image Processing, Chicago, IL, Sept. 1994, pp. 1411-1422.                                    |
| Examiner         |     | Date Considered   |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |  |   |                                       |
|--|--|---|---------------------------------------|
| <b>Form 1449 (Modified)</b>                              |  | Atty Docket No.<br><b>CISCP256/4087</b> | Application No.:<br><b>09/934,975</b> |
| <b>Information Disclosure<br/>Statement By Applicant</b> |  | Applicant:<br><b>Cote, et al.</b>       |                                       |
| (Use Several Sheets if Necessary)                        |  | Filing Date<br><b>August 21, 2001</b>   | Group<br><b>2614</b>                  |

#### U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date     | Patentee    | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|-------------|-------|-----------|-------------|
|                  | Q   | 6,208,688  | 03/27/01 | Seo, et al. |       |           | 11/30/98    |
|                  |     |            |          |             |       |           |             |

#### Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation |    |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
|                  |     |              |                  |                          |       |           | Yes         | No |
|                  |     |              |                  |                          |       |           |             |    |
|                  |     |              |                  |                          |       |           |             |    |
|                  |     |              |                  |                          |       |           |             |    |
|                  |     |              |                  |                          |       |           |             |    |

#### Other Documents

|                  |     |   |
|------------------|-----|---|
| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication  |
|                  | R   | A.Y. Lan, A.G. Nguyen and J.N. Hwang, <i>Scene-Content-Dependent Reference-Frame Placement for MPEG Video Coding</i> , IEEE Trans. Circuits and Systems Video Technol., vol. 9, no. 3, pp. 478-89, 1999.                |
|                  | S   | A. Yoneyama, Y. Nakajima, H. Yanagihara and M. Sugano, <i>MPEG Encoding Algorithm with Scene Adaptive Dynamic GOP Structure</i> , IEEE Third International Workshop on Multimedia Signal Processing, pp. 297-302, 1999. |
|                  | T   | ISO/IEC <i>Information Technology-Generic Coding Of Moving Pictures And Associated Audio Information: Video</i> , ISO.IEC 13818-2, 1995, 209 pages.   |
| Examiner         |     | Date Considered   |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

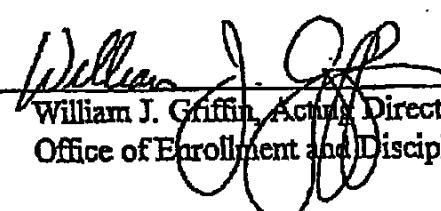
BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

William Plut is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Beyer, Weaver, and Thomas, LLP law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Beyer, Weaver, and Thomas, LLP law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Beyer, Weaver, and Thomas, LLP law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) William Plut ceases to lawfully reside in the United States, (ii) William Plut's employment with the Beyer, Weaver, and Thomas, LLP law firm ceases or is terminated, or (iii) William Plut ceases to remain or reside in the United States on an TN visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

Expires: June 10, 2002

  
\_\_\_\_\_  
William J. Griffin, Acting Director  
Office of Enrollment and Discipline